Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021870.D
Acq On : 22 Sep 2022 18:36
Operator : CG/JU
Sample : PB147813BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:11:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.050	152	5357	0.400	ng/ul		0.00
4) Naphthalene-d8	10.878	136	17464	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.707	164	9062	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.460	188	15326	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.656	240	9149	0.400	ng/ul	#	0.00
23) Perylene-d12	24.167	264	6893	0.400	ng/ul	#	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.363	96	4043	0.613	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.467	152	8600	0.311	ng/ul		0.00
18) Fluoranthene-d10	19.492	212	11324	0.333	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	10880	1.610	ng/ul	#	87
5) Naphthalene	10.927	128	15650	0.318	ng/ul		98
7) 2-Methylnaphthalene	12.544	142	9862	0.308	ng/ul		98
8) 1-Methylnaphthalene	12.758	142	10222	0.311	ng/ul		100
10) Acenaphthylene	14.430	152	12279	0.323	ng/ul		99
11) Acenaphthene	14.767	153	10213	0.317	ng/ul		98
12) Fluorene	15.758	166	10900	0.301	ng/ul		100
14) Pentachlorophenol	17.113	266	1281	0.431	ng/ul		99
15) Phenanthrene	17.502	178	15350	0.317	ng/ul		99
16) Anthracene	17.595	178	12234	0.305	ng/ul		100
19) Fluoranthene	19.520	202	14219	0.333	ng/ul		97
20) Pyrene	19.882	202	14046	0.333	ng/ul	#	93
21) Benzo(a)anthracene	21.641	228	10462	0.341	ng/ul		100
22) Chrysene	21.694	228	12032	0.360	ng/ul		99
24) Benzo(b)fluoranthene	23.392	252	11287	0.337	ng/ul		90
25) Benzo(k)fluoranthene	23.442	252	10329	0.319	ng/ul	#	91
26) Benzo(a)pyrene	24.053	252	9705	0.383	ng/ul	#	90
27) Indeno(1,2,3-cd)pyrene	26.814	276	10966	0.385	ng/ul	#	97
28) Dibenzo(a,h)anthracene	26.834	278	8833	0.365	ng/ul		97
29) Benzo(g,h,i)perylene	27.622	276	10173	0.388	ng/ul		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021870.D
Acq On : 22 Sep 2022 18:36
Operator : CG/JU
Sample : PB147813BS
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Instrument :
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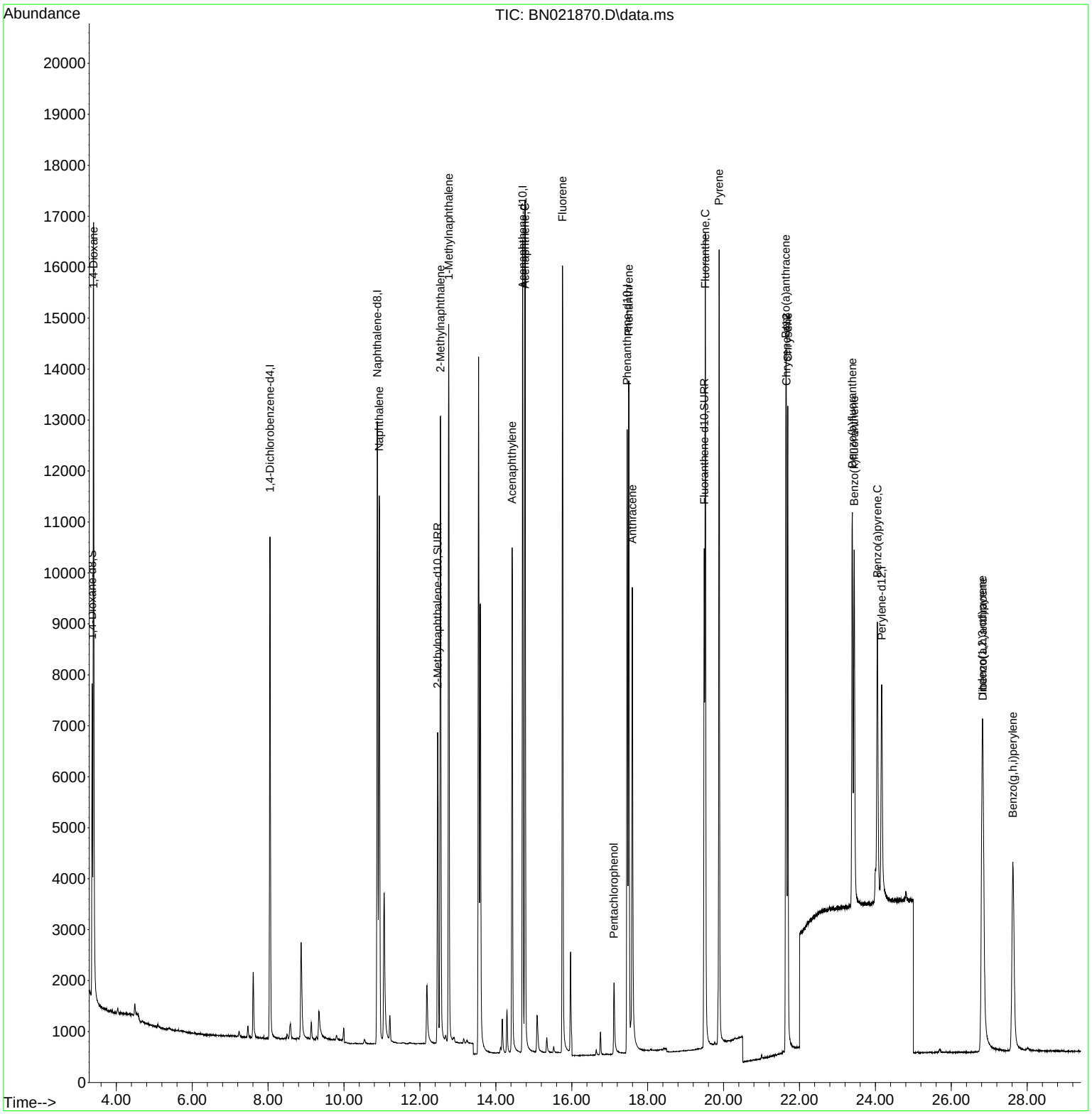
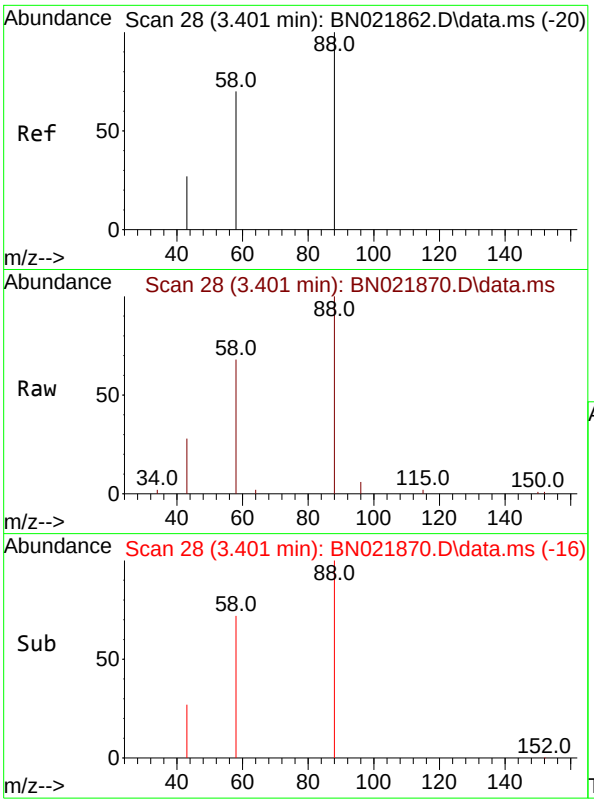
Quant Time: Sep 23 02:11:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



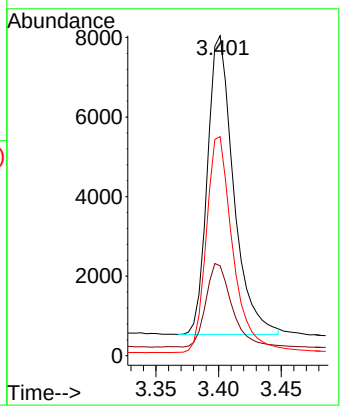


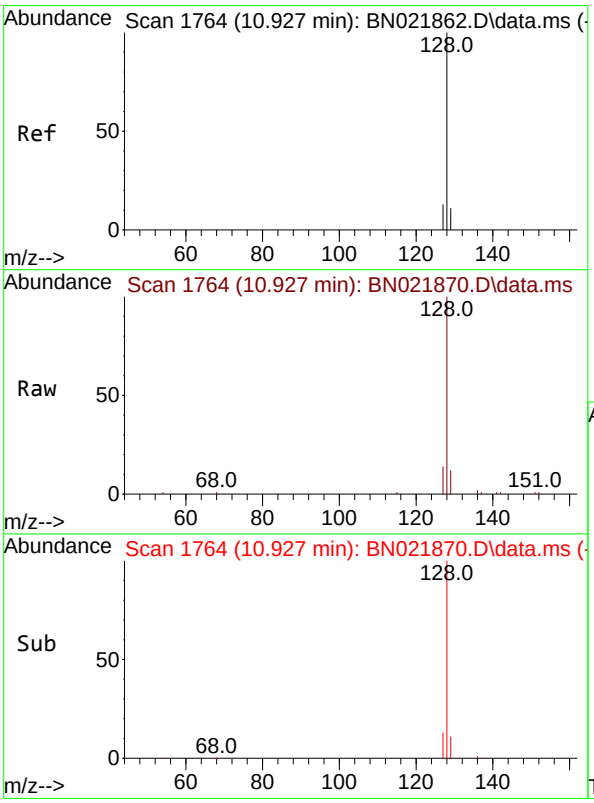
#2
1,4-Dioxane
Concen: 1.610 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 10880

Ion	Ratio	Lower	Upper
88	100		
43	28.1	31.4	47.0#
58	68.5	49.0	73.6

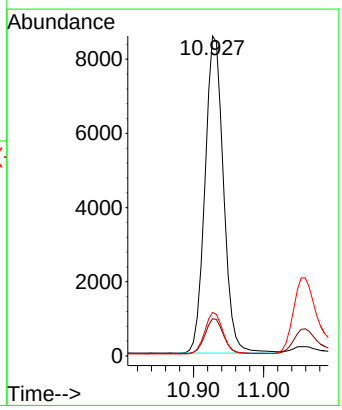


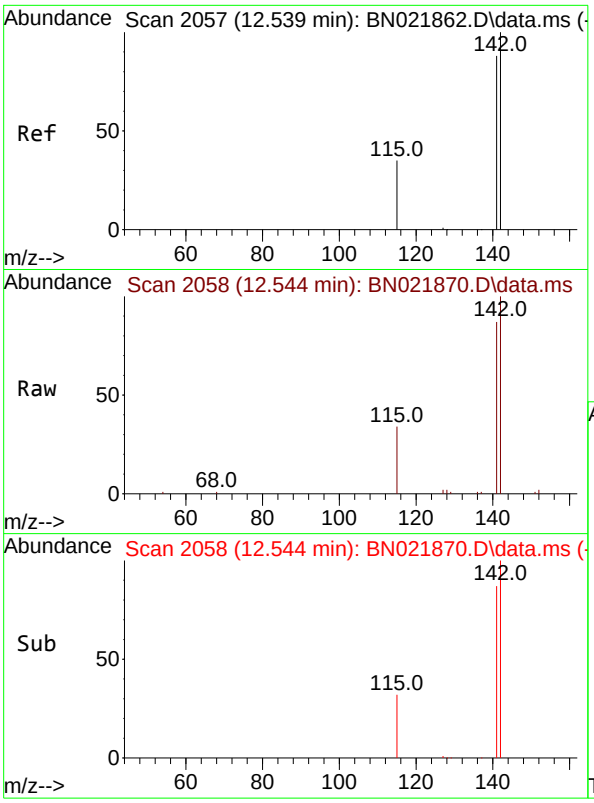


#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:128 Resp: 15650

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.6	11.6	17.4



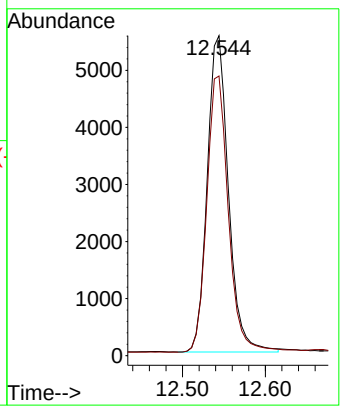


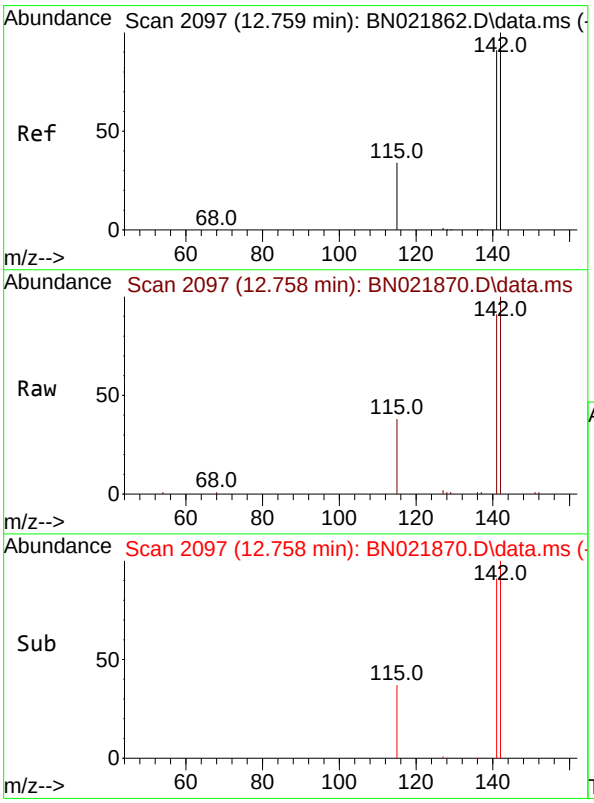
#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 9862

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2

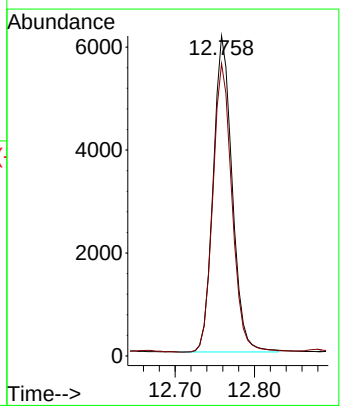


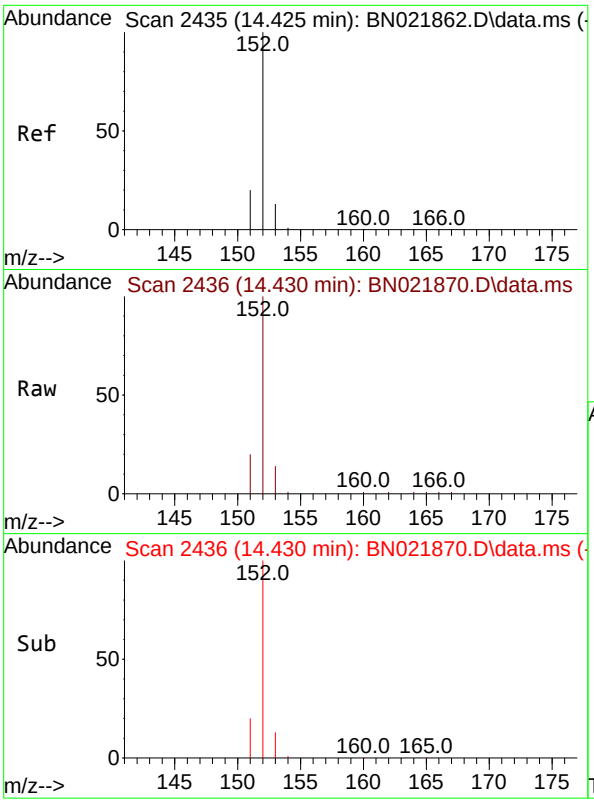


#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:142 Resp: 10222

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9



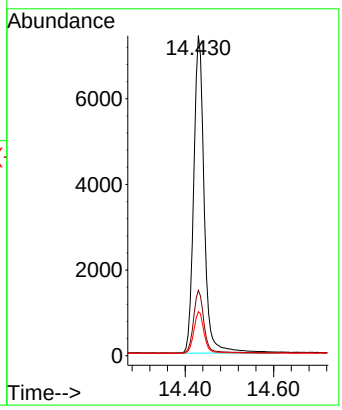


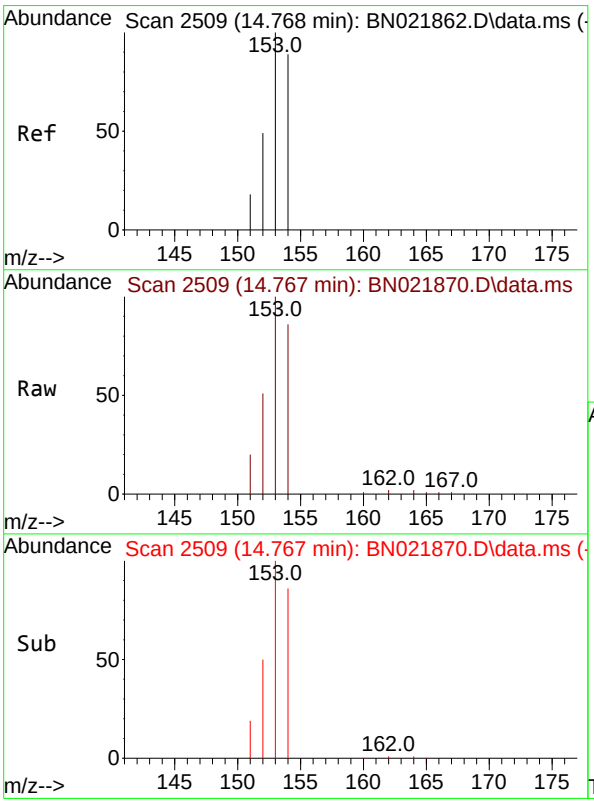
#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.430 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12279

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.7	11.2	16.8

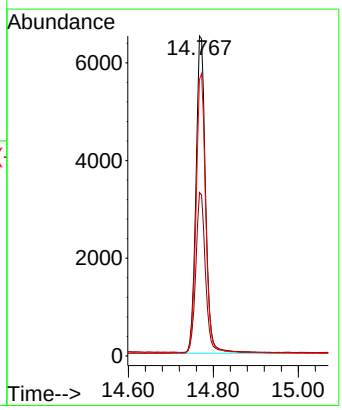


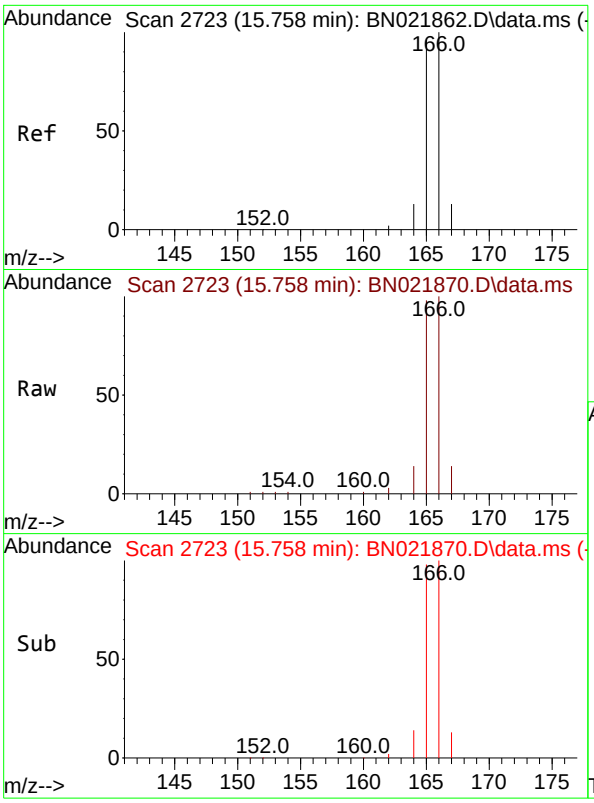


#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.767 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:153 Resp: 10213

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.2	60.4
154	86.4	70.7	106.1



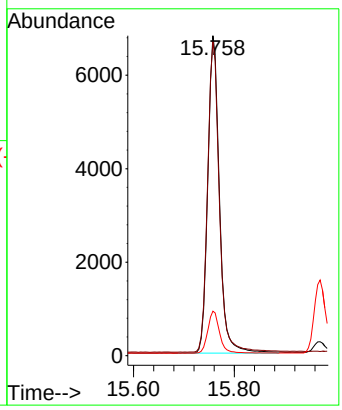


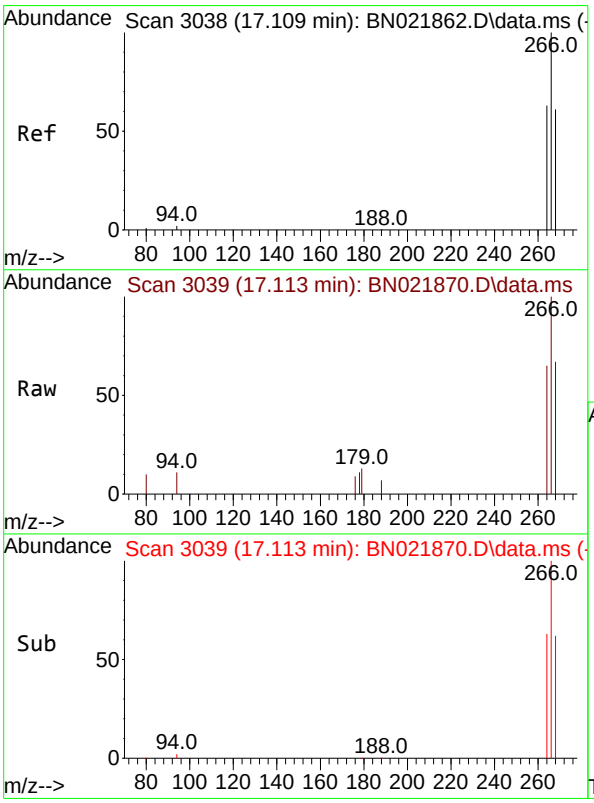
#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.758 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 10900

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.9	11.8	17.6

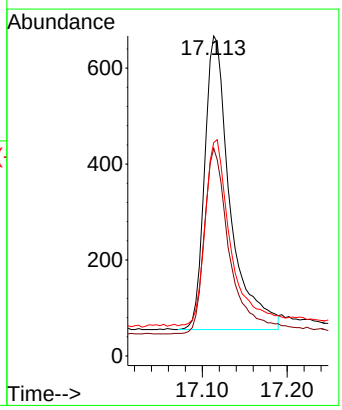


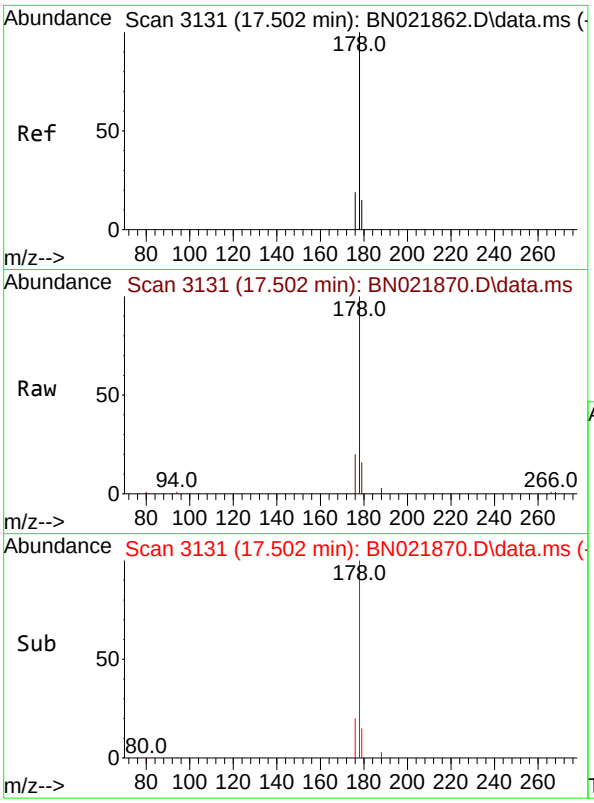


#14
Pentachlorophenol
Concen: 0.431 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:266 Resp: 1281

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	63.9	50.6	75.8



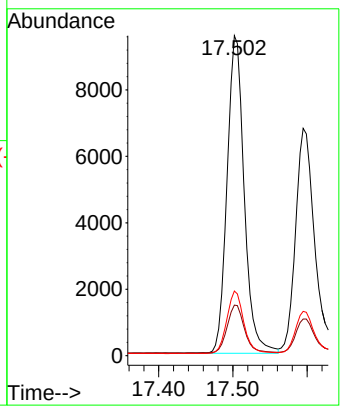


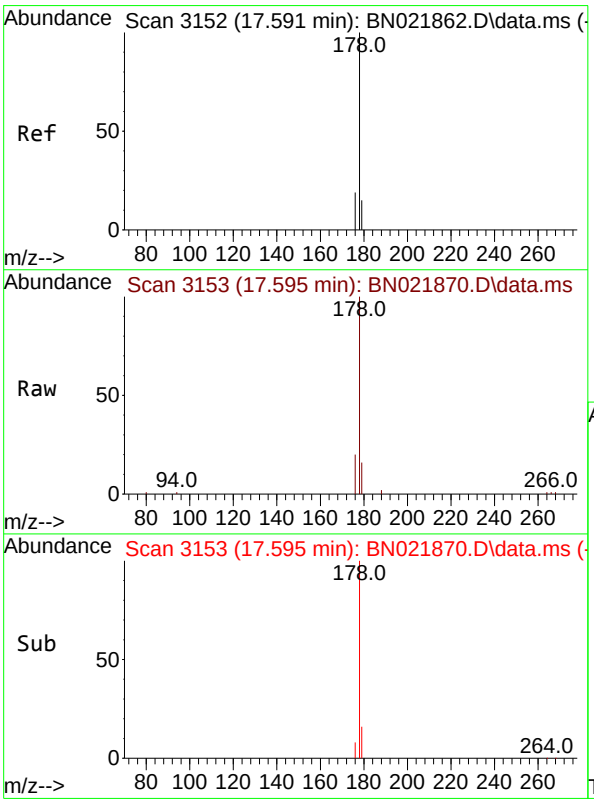
#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15350

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	20.2	15.9	23.9

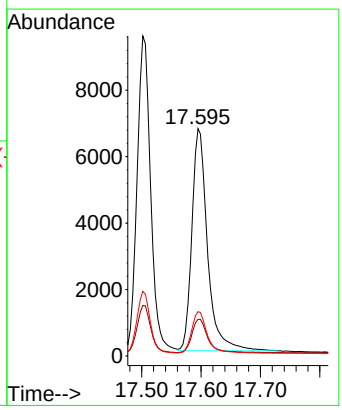


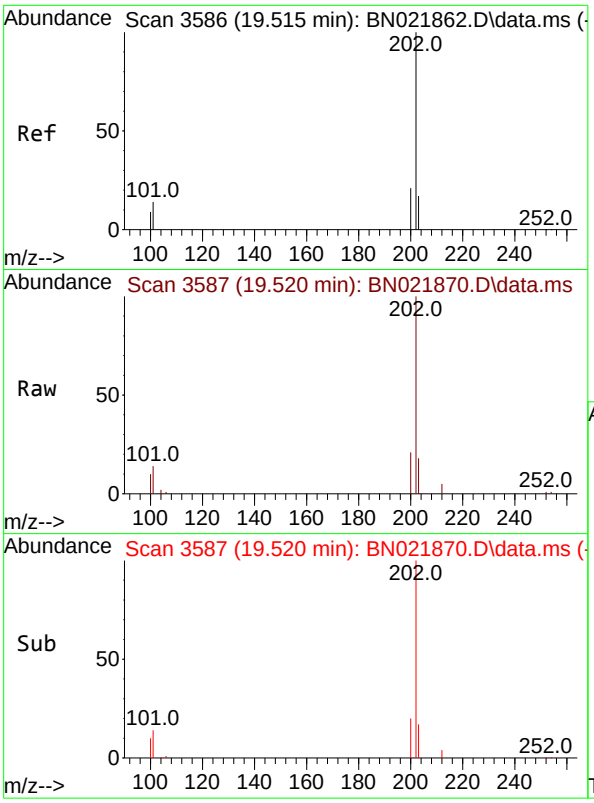


#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:178 Resp: 12234

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.5	15.9	23.9



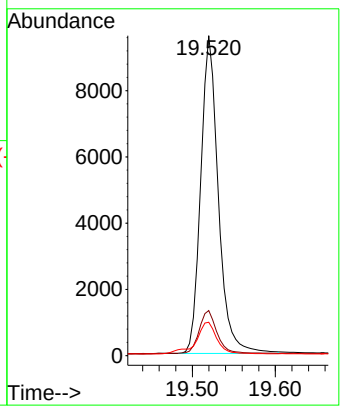


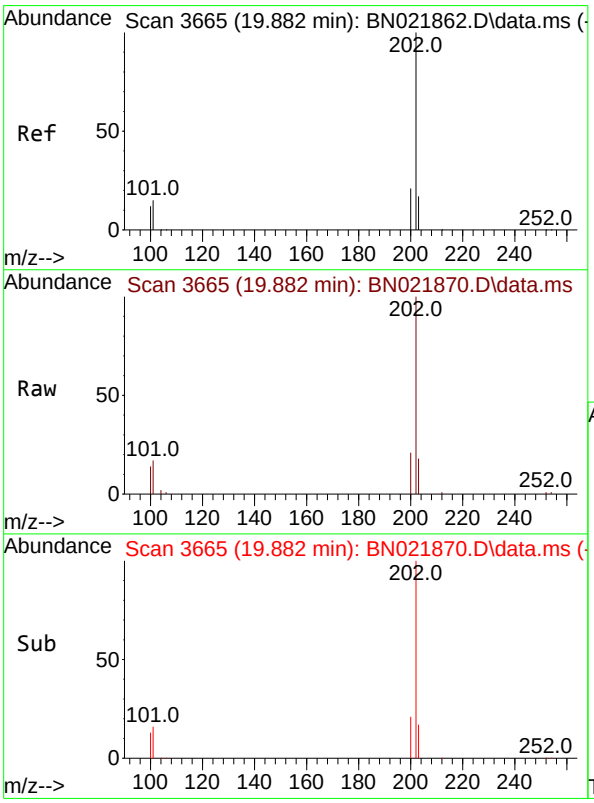
#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 14219

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.0	15.0
100	10.4	8.0	12.0

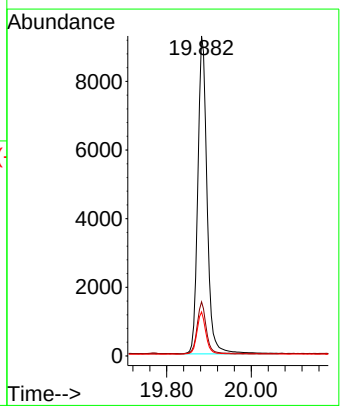


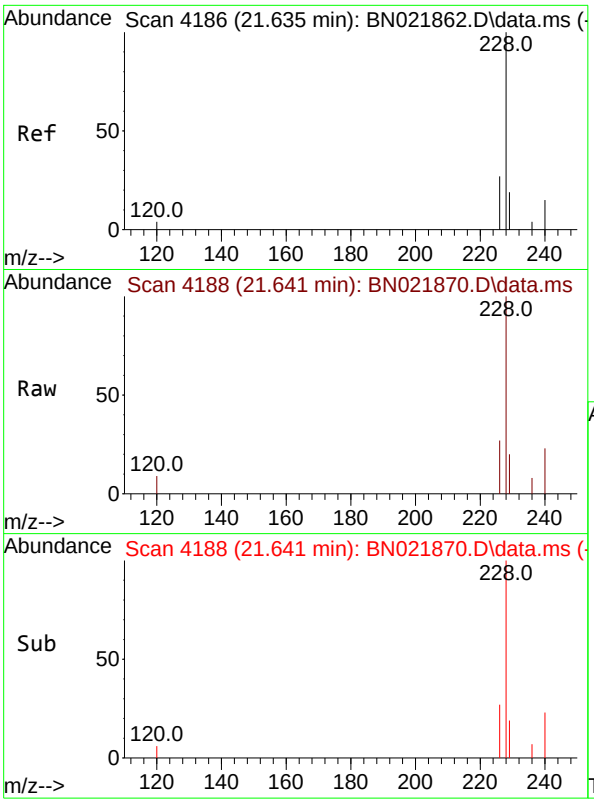


#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:202 Resp: 14046

Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.3	16.9
100	13.7	9.0	13.4#





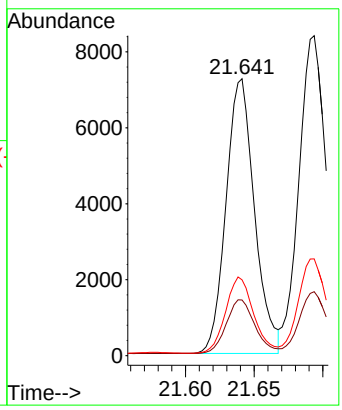
#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.641 min Scan# 4

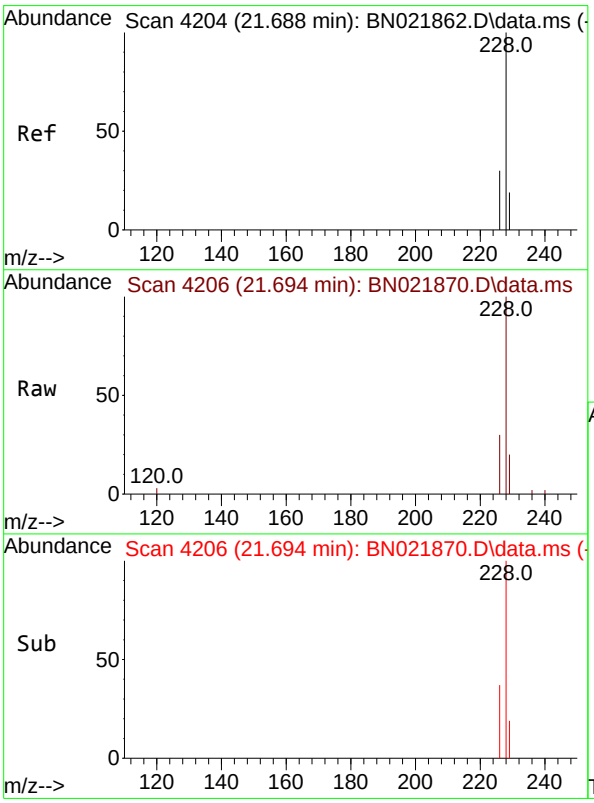
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:228 Resp: 10462

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	27.4	21.9	32.9

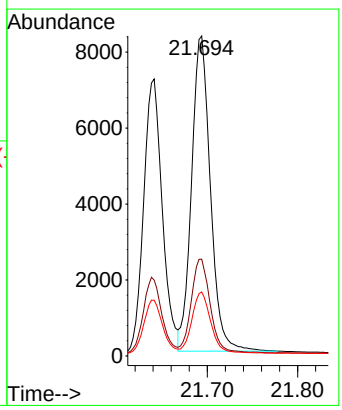


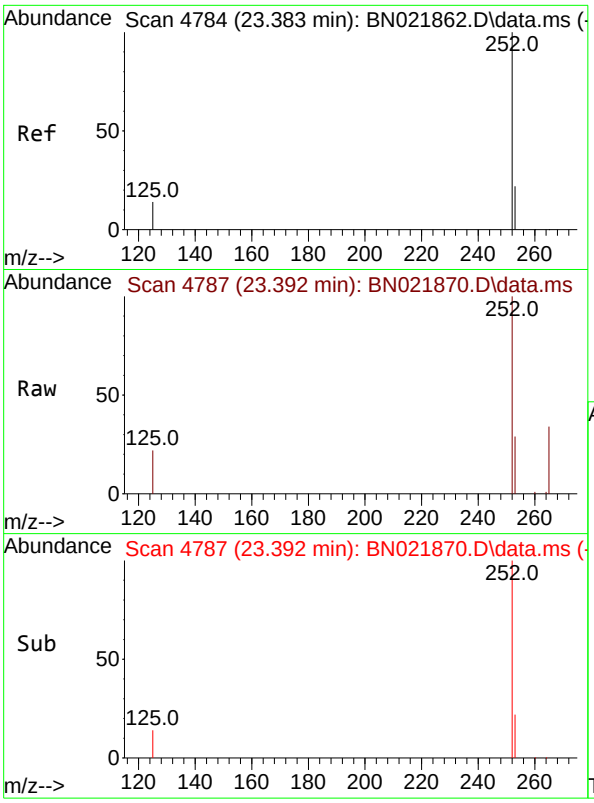


#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.694 min Scan# 4206
Delta R.T. 0.009 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:228 Resp: 12032

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	20.0	15.8	23.8



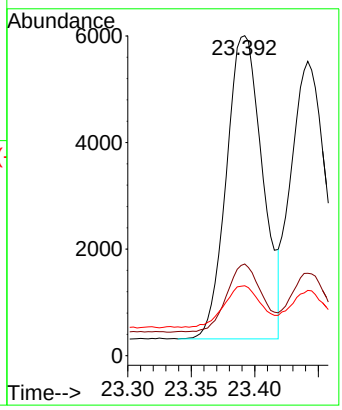


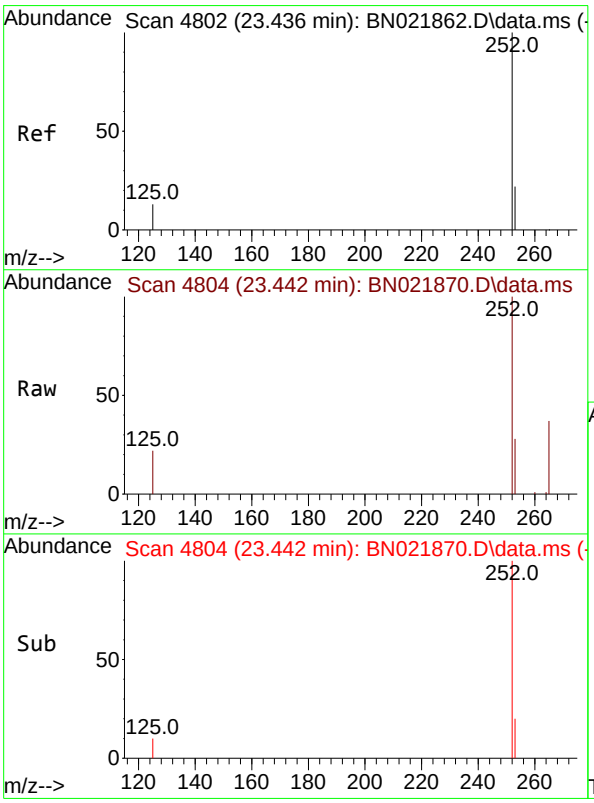
#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.392 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11287

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	50.8
125	21.8	0.0	30.0

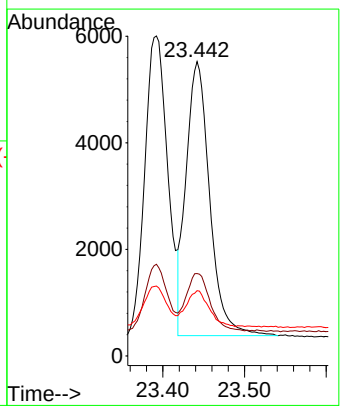


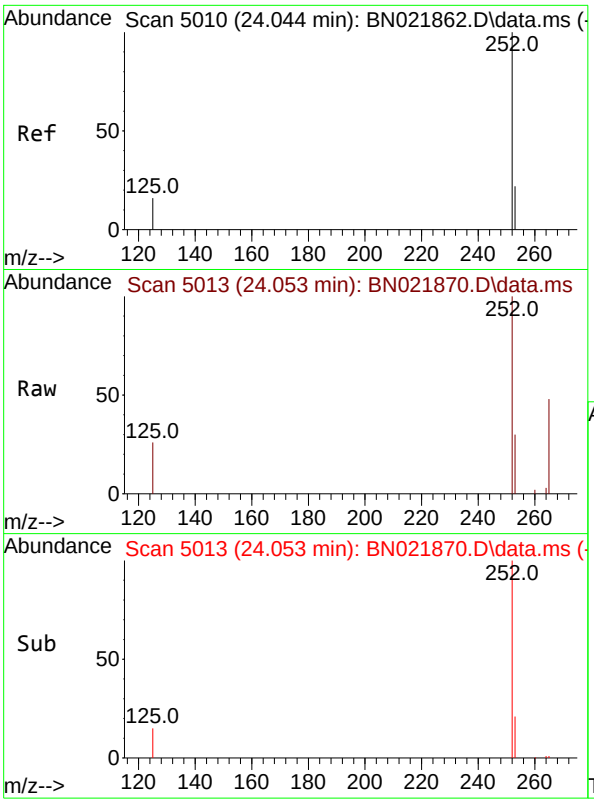


#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.442 min Scan# 4804
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:252 Resp: 10329

Ion	Ratio	Lower	Upper
252	100		
253	28.0	20.6	31.0
125	22.2	11.8	17.6#



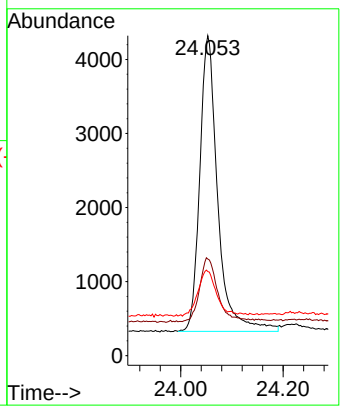


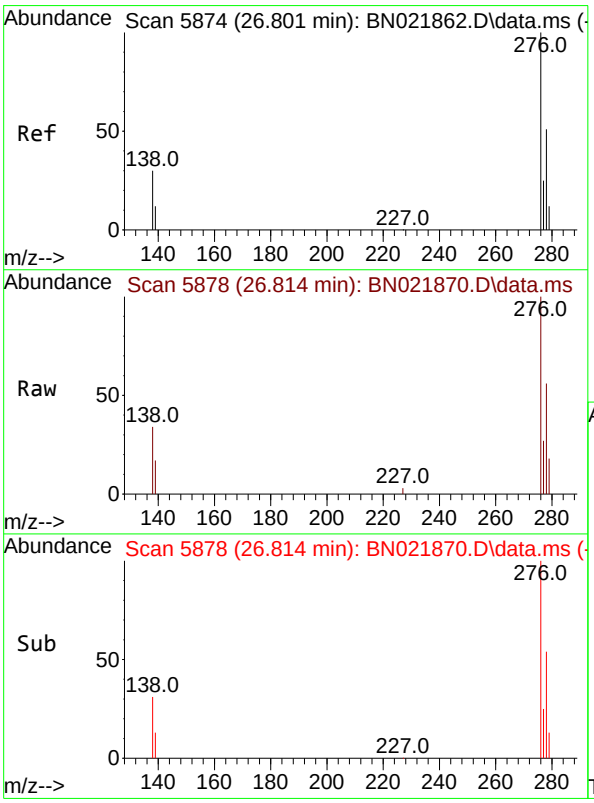
#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 24.053 min Scan# 5
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9705

Ion	Ratio	Lower	Upper
252	100		
253	30.2	22.1	33.1
125	26.3	14.7	22.1#

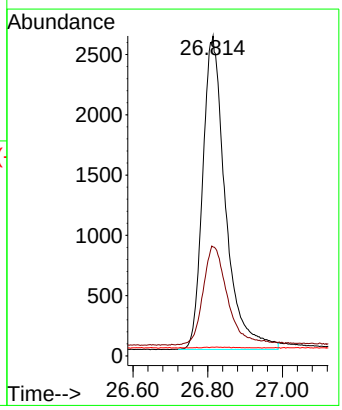


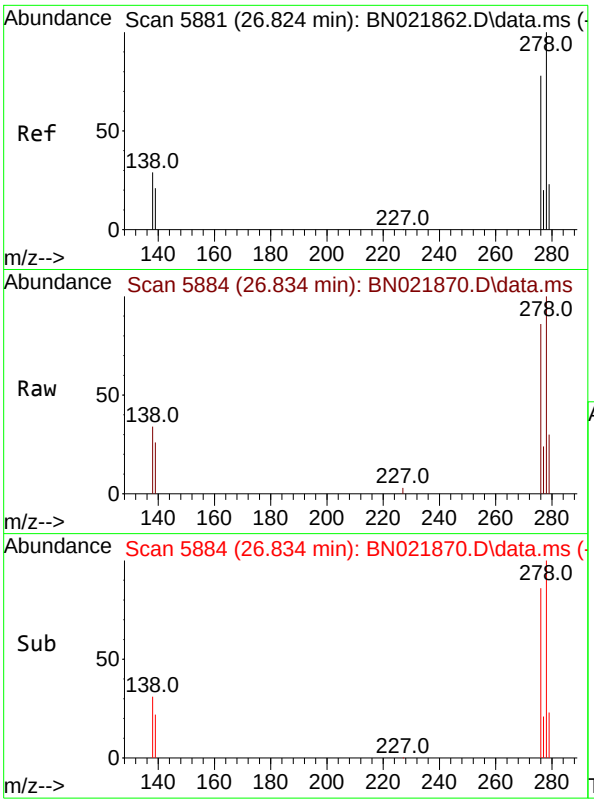


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.814 min Scan# 5878
Delta R.T. 0.023 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:276 Resp: 10966

Ion	Ratio	Lower	Upper
276	100		
138	34.2	26.1	39.1
227	0.2	0.1	0.1#



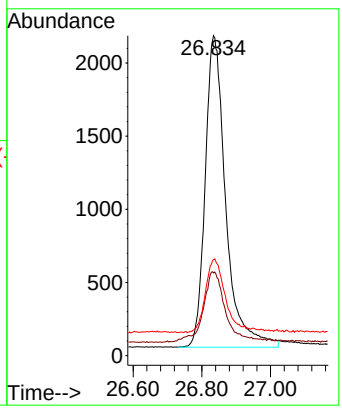


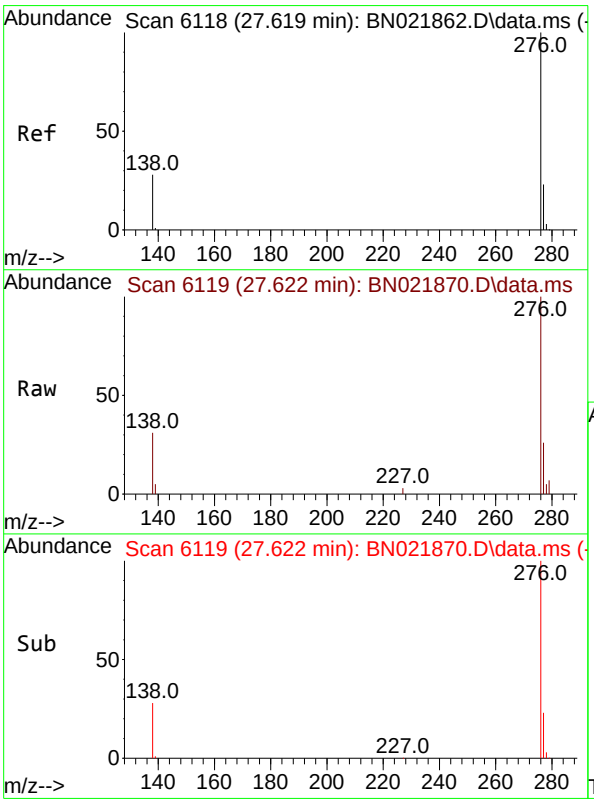
#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 26.834 min Scan# 5
Delta R.T. 0.017 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8833

Ion	Ratio	Lower	Upper
278	100		
139	25.8	18.3	27.5
279	30.0	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.622 min Scan# 6119
Delta R.T. 0.013 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:276 Resp: 10173

Ion	Ratio	Lower	Upper
276	100		
138	31.4	22.6	34.0
277	25.8	20.2	30.2